

digital

Software Product Description

PRODUCT NAME: MUX200/VAX, Version 1.0, Multiterminal Emulator

SPD 25.2.1

DESCRIPTION:

MUX200/VAX is a VAX-11 based software package which provides communication with a CDC 6000, CYBER series, or other host computer systems capable of using 200 UT Mode 4A communications protocol, as described in the Warranty Limitations section of this SPD.

Any VAX-11 interactive terminal may be used to control remote job entry or to communicate at command level with the host system. Input files may be sent from and output files received onto any VAX-11 supported mass storage, unit record, or terminal device.

MUX200/VAX communicates with the host using the Mode 4A communications protocol as defined in CDC publication 82128000. The software package can be configured to support either the ASCII or the external BCD versions of the protocol.

MUX200/VAX provides for one synchronous communication circuit to a host computer system. The product supports a single switched or dedicated leased line two- or four-wire common carrier facility at speeds up to 9600 bps.

MUX200/VAX enables several users to communicate simultaneously with a host system over a single line. The VAX/VMS system while using a single physical drop appears to the host as a number of multidrops and terminals on the circuit. The maximum number of simultaneous users supported by the MUX200/VAX system is 16. However, this may be limited to a lower figure by host hardware or software.

Features:

- Output received from the host system may be spooled to the line printer upon detection of a text string predefined by the user.
- Up to 8 VAX/VMS files may be specified for transmission to the host in a single command.
- VAX/VMS terminals may be detached for other use while the software package is operating. Data received from the host directed to a terminal is saved from print out until the terminal is reattached.
- In many applications the host system can be off-loaded by taking advantage of the local processing power of the VAX/VMS system. This reduces host processing and line costs; for example, file editing can be performed locally rather than on the host.

MINIMUM HARDWARE REQUIRED:

Any valid VAX/VMS configuration with a DUP11 synchronous communication interface.

OPTIONAL HARDWARE:

Supports any mass storage, unit-record or terminal device supported by the prerequisite software.

PREREQUISITE SOFTWARE:

VAX/VMS, Version 1.6

OPTIONAL SOFTWARE:

None

TRAINING CREDITS:

None

SUPPORT CATEGORY:

DIGITAL SUPPORTED

MUX200/VAX is a DIGITAL Supported Software Product.

SOFTWARE INSTALLATION:

DIGITAL INSTALLED

DIGITAL installation is required for Software Product Support. There is no charge for installation if performed at the time of system installation. DIGITAL installed software products, except for operating systems, are subject to an add-on installation fee when purchased subsequent to system installation.

SOFTWARE PRODUCT SUPPORT:

MUX200/VAX includes standard services as defined in the Software Support Categories Addendum of this SPD.

CUSTOMER RESPONSIBILITIES:

Before installation of the software, the customer must:

- Previously have installed all requisite hardware, including terminals.
- Obtain, install, and demonstrate as operational any modems and other equipment and facilities necessary to interface to DIGITAL's communication equipment.
- Demonstrate equivalency of operation for modems other than Bell 201, 208, and 209 or in Europe, PTT approved synchronous modems.

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- Make available for a reasonable period of time, as mutually agreed by DIGITAL and the customer, all hardware, communications facilities, and terminals that are to be used during installation.

WARRANTY LIMITATIONS:

DIGITAL has designed this software product according to the specifications for 200 UT Mode 4A Communication Protocol as indicated in the CDC publication No. 82128000.

This software is primarily meant to function with CDC 6000 or CYBER series host computer systems. While this software may function correctly with other equipment and software, DIGITAL cannot offer its standard warranty for this software unless it has been tested with such equipment and software configurations.

The following are examples of some configurations upon which the software has been tested and is warranted:

CDC CYBER 73/20
NOS/BE, Version 1.3
Level 488

Since the introduction of this software, other configurations may have been tested. Please contact your local DIGITAL office for up-to-date information regarding listed configurations.

ORDERING INFORMATION:

Options with no support services are only available after the purchase of one supported license.

A single-use license only option is a license to copy the software previously obtained under license.

Source and/or listing options are only available after the purchase of at least one supported license and after a source license agreement is in effect.

The following key (M, Y, Z) represents the distribution media for the product and must be specified at the end of the order number, e.g., QE070-AY = binaries on RX01 Floppy Diskette.

M = 9-track 1600 BPI Magtape (PE)

Y = RX01 Floppy Diskette

Z = No hardware dependency

QE070 -A— Single-use license, binaries, documentation, support services (media: Y)

QE070 -C— Single-use license, binaries, documentation, no support services (media: Y)

QE070 -D— Single-use license only, no binaries, no documentation, no support services (media: Z)

Source/Listing Options

QE070 -E— All sources (media: M)

ADDITIONAL SERVICES:

None